

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-56. (Canceled)

Claim 57. (Currently Amended): A method comprising:

in response to a request by a client to initiate communication with a destination website;

setting up a forwarding session between the client and a destination server corresponding to the destination website, the forwarding session employing a forwarder disposed between the client and the destination server to forward packets sent from the client to the destination server and to forward packets sent from the destination server to the client; ~~and~~

employing the forwarder to transfer packets between the client and the destination server during the forwarding session, wherein the forwarding session is set up and implemented such that neither the client or the destination server is aware of the employment of the forwarder;

employing a controller configured to communicate with the forwarder and a domain name server, wherein the controller queries the domain name server to resolve the name of the destination website associated with the destination server and initiates communication with the forwarder in response to an answer from the domain name server to resolve the name of the destination website associated with the destination server;

employing a deceiver configured to communicate with the controller and the client, wherein the deceiver receives the request by the client to initiate communication with the destination website and initiates the controller to query the domain name server to resolve the name of the destination website associated with the destination server; and
in response to the controller receiving the answer from the domain name server and initiating communication with the forwarder, initiating the forwarding session.

Claim 58. (Previously Presented): The method of claim 57, wherein the forwarder is unaware of an identity of the client outside of the session.

Claim 59. (Previously Presented): The method of claim 57, wherein the forwarder is unaware of an identity of a user or alias of a user of the client during the forwarding session.

Claim 60. (Previously Presented): The method of claim 57, wherein the forwarding session exists for a limited period of time.

Claim 61. (Previously Presented): The method of claim 60, wherein the data from the forwarding session exists on a time to live basis.

Claim 62. (Previously Presented): The method of claim 60, wherein data concerning the forwarding session is discarded from the forwarder at the completion of the forwarding session.

Claim 63-64. (Canceled)

Claim 65. (Currently Amended): The method of claim ~~64~~ 57, wherein the client is unaware that it is in communication with the forwarder in place of the destination server.

Claim 66. (Currently Amended): The method of claim ~~64~~ 57, wherein the destination server is unaware that it is in communication with the forwarder in place of the client.

Claim 67. (Currently Amended): The method of claim ~~64~~ 57, wherein a verification request from the forwarder is transmitted to the controller and confirmed before forwarder transfers packets between itself and the destination server.

Claim 68. (Currently Amended): The method of claim ~~64~~ 57, wherein the request by the client to initiate communication with the destination website includes a request to resolve an IP address of a website server that the client is intending to reach.

Claim 69. (Previously Presented): The method of claim 68, wherein the controller stores an IP address that represents the origin of a client.

Claim 70. (Previously Presented): The method of claim 68, wherein the controller stores an IP address of the website server that the client is intending to reach.

Claim 71. (Previously Presented): The method of claim 68, wherein the controller stores an IP address that represents the location of the forwarder.

Claim 72. (Previously Presented): The method of claim 68, wherein the controller stores a time-to-live function for a forwarding session.

Claim 73. (Previously Presented): The method of claim 68, wherein the controller stores an IP address of the website server that the client is intending to reach and an IP address that represents the location of the forwarder, further comprising:

interchanging the IP address of the website server with the IP address of the forwarder.

Claim 74. (Currently Amended): A method, comprising:

receiving a query from a client to resolve a domain name, the query including information identifying a destination website name corresponding to a destination server with which the client wishes to communicate;

routing the query to a deceiver;

forwarding the query to a controller;

querying a domain name server via the controller to resolve an IP address of the destination server corresponding to the destination website name;

~~setting up a forwarding session between the client and the destination server via a forwarder; and~~

returning a packet to the client identifying the IP address of the forwarder as the IP address of the destination server;

initiating a forwarding session between the client and the destination server via a forwarder, wherein the client and destination server are unaware that the IP address at which their communications are directed is that of the forwarder and not that of the intended target;

receiving packets from the client at the forwarder during the forwarding session;

forwarding the packets received from the client from the forwarder to the destination server using the forwarder's IP address as the source address;

receiving packets from the destination server at the forwarder during the forwarding session; and

forwarding the packets received from the destination server to the client.

Claim 75. (Canceled)

Claim 76. (Currently Amended): A computer system comprising:

a forwarder configured to transmit and receive data;

said forwarder configured to communicate with at least a client and at least a destination server corresponding to a destination website with which the client has requested to initiate communication;

said forwarder configured for employment between the client and the destination server to forward packets sent from the client to the destination server and to forward packets sent from the destination server to the client; and

said forwarder configured to transfer packets between the client and the destination server, wherein the client and the destination server are unaware of the employment of said forwarder;

said forwarder configured to communicate with at least a controller;

said controller configured to communicate with at least a deceiver,

said deceiver configured to communicate with the client, wherein the deceiver receives the request by the client to initiate communication with the destination website and initiates the controller to query a domain name server to resolve the name of the destination website associated with the destination server;

said controller configured to communicate with at least a domain name server to resolve the name of said destination website and initiate

communication with the forwarder in response to the resolution of the name of the destination website associated with the destination server;

said controller configured to store communication data for locating at least said deceiver, said domain name server, and said forwarder; and

said controller configured to initiate the forwarder to forward packets between the destination server and the client in response to the resolution of the name of the destination website associated with the destination server.

Claim 77. (Canceled)

Claim 78. (Currently Amended): A computer system according to claim ~~77~~ 76, wherein said forwarder is configured to transmit verification data to said controller.

Claim 79. (Currently Amended): A computer system according to claim ~~77~~ 76, wherein said controller sends destination instructions to said domain name server, receives data including resolved a website name associated with said destination instructions.

Claim 80. (Previously Presented): A computer system according to claim 79, wherein said controller establishes communication with said forwarder upon receiving data from said domain name server.

Claim 81. (Currently Amended): A computer system according to claim ~~77~~ 76, wherein said controller stores IP addresses for at least said deceiver, said domain name server, and said forwarder.

Claim 82. (Previously Presented): A computer system according to claim 79, wherein said destination instructions include data comprising an IP address of a destination website that said client is intending to communicate with.

Claim 83. (Currently Amended): A computer system according to claim ~~77~~ 76, wherein said controller receives destination instruction from the deceiver and transmits the destination instruction to the domain name server.

Claim 84. (Currently Amended): A computer system according to claim ~~77~~ 76, wherein said deceiver causes said client to communicate with said forwarder, instead of an intended destination server.

Claim 85. (Currently Amended): A computer system according to claim 76, wherein said forwarder communicates data with said ~~website~~ destination server corresponding to data communicated between said forwarder and said client.

Claim 86. (Currently Amended): A computer system according to claim ~~77~~ 76, wherein said controller correlates communication of said forwarder with at least said client and said destination server.

Claim 87. (Currently Amended): A computer system according to claim ~~77~~ 76, wherein said controller determines and stores an association of name to IP address for said client.